



## PATENT ABSTRACTS OF JAPAN

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**F16C 33/66****C10M103/02****C10M105/52****C10M107/38****// C10N 30:06****C10N 40:02****C10N 50:02****C10N 50:08**(21) Application number: **2000314045**(71) Applicant: **NSK LTD**(22) Date of filing: **13.10.00**(72) Inventor: **KONNO MASARU  
SAITO TAKESHI**(54) **ROLLING MEMBER**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a rolling member hardly causing abrasion or fretting by the contact of metal surfaces with each other even in the boundary lubrication, and having excellent seizing resistance under the condition of the boundary lubrication.

**SOLUTION:** In this rolling member having a lubricated layer L with lubrication on a surface thereof, the lubricated layer L comprises a hard carbon layer C and a fluorine compound layer F, and the fluorine compound layer F is disposed on the outermost surface.

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